

23662 to 23710—Continued.

Plants of each of the following:

23662 to 23683.

Olivier × *Tanaka*.

23684 to 23710.

Tanaka × *Olivier*.

The above crosses were made between *Olivier*, S. P. I. No. 6457, and *Tanaka*, S. P. I. No. 8890.

23711. CITRULLUS VULGARIS Schrad.

From Egypt. Presented by Mr. Hubert S. Smiley, Gallowhill, Paisley, Scotland. Received September 23, 1908.

"Seeds of the 'Boutique el Zeit,' commonly known as the 'inedible water-melon.' This comes from south of the Bahr el Ghazel and round the port of Rumhek. The natives grow it after the rains and extract the seeds and boil them. The result is an oily film on top of the water. This is removed and the process continued until an oil is procured which is said to be very good for lighting purposes. Perhaps this plant would be of service to people in out-of-the-way parts of your country. The melon is inedible." (*Smiley*.)

23712. FESTUCA RUBRA DUMENTORUM (L.) Hackel.

Chewing's fescue.

From Wellington, New Zealand. Presented by Mr. T. W. Kirk, biologist, Department of Agriculture, through Mr. C. V. Piper. Received September 28, 1908.

23713. EUCALYPTUS MICROTHECA F. Muell.

From Australia. Presented by Mr. W. R. Guilfoyle, director, Botanic and Domain Gardens, Melbourne, who procured it from J. Staer & Co., seedsmen, etc., Wahroonga, New South Wales. Received September 29, 1908.

See No. 23495 for description.

23714 to 23733.

From East Africa. Received through Mr. O. W. Barrett, Director of Agriculture, Lourenco Marquez, Portuguese East Africa, September 21, 1908.

The following seeds:

23714. ANDROPOGON SORGHUM (L.) Brot.

"(No. 1.) 'A sweet sorghum' in cultivation by the M'chopes Kafirs of Zavala section of Inharrime district. Height, 2.5 to 3.5 meters. Crop (second) in July." (*Barrett*.)

"Hackel's variety *roxburghii*. A 14-inch panicle, loose and open, with very slender branches. Type of the Madagascar ampembies. Glumes rather broad, reddish, hairy, becoming involute and gaping at maturity. Seeds broadly oval, pearly white." (*Carlton R. Ball*.)

23715. ANDROPOGON SORGHUM (L.) Brot.

"(No. 2.) A goose-neck variety in common cultivation by Kafirs in Gazaland. The best of about 6 more or less distinct sorts. Height, 3 to 6 meters. Prefers heavy alluvial soil. Native name (usually) *mapira*." (*Barrett*.)

"Fragments of the head of a white-seeded sorghum probably similar to the preceding (S. P. I. No. 23715). Glumes shorter and firmer, but involute and gaping. Seeds nearly circular." (*Carlton R. Ball*.)

23716. ANDROPOGON SORGHUM (L.) Brot.

"(No. 3.) A straight blackhull variety in cultivation by natives of lower Zambezi Valley. Height 3 to 4 meters." (*Barrett*.)